

Converting Colors

Hex(49D1C4)

Have a look what the booklet for
Hex(49D1C4) contains.

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Color

Hex(49D1C4)

Conversions

Conversions Part 1

Format	Color
Hex	49D1C4
RGB	73, 209, 196
RGB Percent	29%, 82%, 77%
CMY	0.7137, 0.1804, 0.2314
CMYK	0.65, 0.00, 0.06, 0.18
HSL	174°, 60%, 55%
HSV	174°, 65%, 82%
XYZ	35.5119, 51.0029, 60.1974
YIQ	166.8540, -76.8830, -32.8750

Conversions

Conversions Part 2

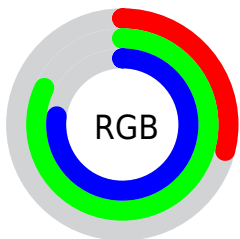
Format	Color
RYB	73, 144, 209
Decimal	4837828
CIELab	76.68, -39.36, -4.35
CIELCh	77, 39.605, 186.311
Yxy	51.0029, 0.2421, 0.3476
Android (android.graphics.Color)	4283027908 (0xFF49D1C4)
YUV	166.8540, 14.3690, -82.3100
Hunter-Lab	71.4163, -36.2191, 0.0154

Details

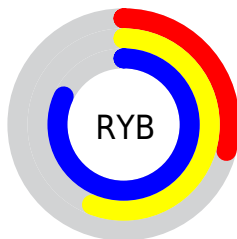
The Hex color **49D1C4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D14956**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **89FFFD**, and **009A8E** is the 20% darker color. If you saturate the color by 10%, you get **34D1C2**, and if you desaturate by 10%, it is **5ED1C6**.

Distribution



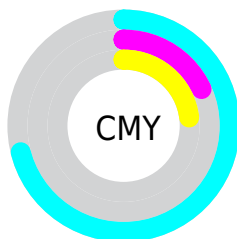
- Red (29%)
- Green (82%)
- Blue (77%)



- Red (29%)
- Yellow (56%)
- Blue (82%)



- Cyan (65%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Hex color 49D1C4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 49D1C4 by changing the saturation by 10% instead.

 49D1C4

 49D1C4

FFFFFF

 1EB5A9

 89FFFD

 009A8E

 A7FFFF

 007F75

 C5FFFF

 00665C

 E4FFFF

 004D45

 00352F

 00201A

 000000

 49D1C4

 49D1C4

■ 34D1C2

■ 5ED1C6

■ 1FD1C0

■ 73D1C8

■ 0AD1BE

■ 88D1CA

■ 00D1BD

■ 9DD1CC

■ B2D1CE

■ C6D1D0

■ DBD1D2

■ F0D1D4

■ FFD1D6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7ACE9F



49D1C4



29CFE7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49D1C4



CCB1F8



EEB17B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49D1C4



D14956

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA694



49D1C4



F2A5DB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49D1C4



96BEFF



FFA1B7



CEBE74

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49D1C4



43CCF9



FFA1B7



F6AD81

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49D1C4



CCFFFA



57D149



61807D



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49D1C4



38FFEC



499BD1



5E6968



00A898



002925

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D14956



FF384B



D17F49



695E5F



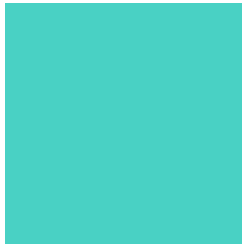
A80010



290004

Previews

White Background



This preview shows how the Hex color 49D1C4 looks on a white background.

Color Contrast Check

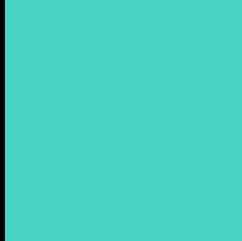
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 49D1C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

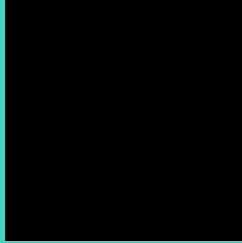
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

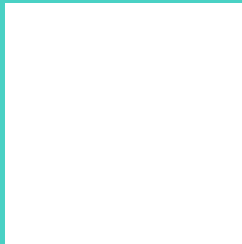
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49D1C4 Background



This preview shows how black text looks on a background with the Hex color 49D1C4.

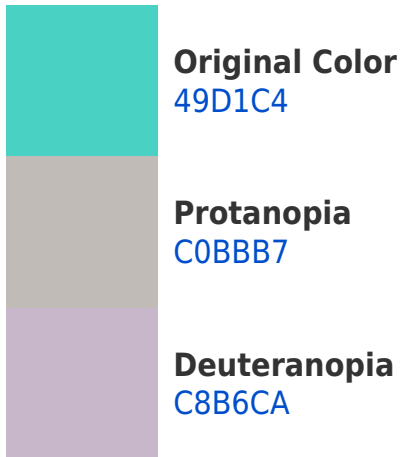


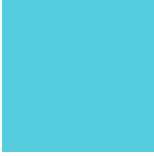
This preview shows how white text looks on a background with the Hex color 49D1C4.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
55CDDE

Trichromacy



Original Color
49D1C4



Protanomaly
95C3BC



Deuteranomaly
9AC0C8



Tritanomaly
51CED5

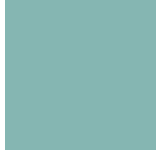
Monochromacy



Original Color
49D1C4



Achromatopsia
A7A7A7



Achromatomaly
85B6B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 49D1C4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #49D1C4 looks like.

```
.text, #text, p{  
    color:#49D1C4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #49D1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49D1C4
}
```

Border

The CSS property to change the border of an element to Hex 49D1C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49D1C4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#49D1C4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #49D1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49D1C4; -webkit-box-shadow:4px 4px  
4px 4px #49D1C4; box-shadow:4px 4px 4px  
4px #49D1C4 }
```

Background

The CSS property to change the background color of an element to Hex 49D1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49D1C4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#49D1C4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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